4378-2 · Sharp-020/US Nixon & Venderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, malling address and officenship are an stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention of the provider particles.

		11 11 2 11/2						
B 600	cification of which (check a	ipplicable box(s)):						
	orenet benomina al		tt manager Com	al Ma		/Affv. [OKL NO. 4376	-2)
í	no belit zaw		as U.S. Application Ser			(1,11)	5112 1101 12. C	-,
ĩ	was filed as PCT Internation	nal application No.		on				
nd (il i	applicable to U.S. or PCT a	pplication) was amended or	1					
mendi	ment referred to above. I a in 37 C.F.R. 1.58. I hereb	i and understand the comen cknowledge the duty to disc y claim foreign priority bene- nd below any foreign applica- trority is claimed, before the	tits under 35 U.S.C. 118 titlen for parent or invent	/385 of any foreign appli ors certificate having a f	cetion(a)	or patent or	inventor's ce	
nority	Foreign Application(s):	•				Dou/Ma	mth/Year Fil	ابہ
,	Application Number	r	Country			ППАМ	18 July 20	
	2002-209797		JP				18 July 20	-
hereb	y claim the benefit under 3 Application Number	5 U.S.C. §119(e) of any Unit	ted States provisional an Date/Month/Year Fil	pplication(s) listed below ed	•			
hereb	y claim the bonefit under 3	5 U.S.C. 120/365 of all prior	United States and PCT	international application	s listed ab	ove or belo	nAC;	
							atus: paleni	ed
'rior L	S.PCT Application(s):			_				
	PILAN CARIAL NA		Dav/Month/Year File	Ba		pena	ing, abandon	ed
	ution Serial No.		Day/Month/Year Fil		1.4			
hereb e true opplice 000 (1 wherh scultir irectly wher(y declare that all cratement; and further that these standard these standard, or both, under Section or any patent issued to whom all communications whom all communications gratent. I also authorize communicated from the patent.	to made herein of my own ke tements were made with the tion 1001 of Tide 18 of the U hereon. And on behalf of the is are to be directed) and the ecute this application and to Nixon & Vanderhye to add of ereon, assigned, attorney, fir	nowledge are true and to knowledge that willful in inited States Code and to sowner(s) hereof, I here a attomeys of: Custo transact all business from	nat all statements made also statements and the hat such willful falso sta iby appoint Nixon & Van OMER Number the Patent and Tradema hat Customer Number.	ike so me tements m derhys P. 23117 ark Office and to act Nixon & V	ation and be ide are pun lay jeopardi C., telephor . Individuali connected i and rely so andernye o	allof are bellevishable by fin- ze the validity ne number 70 y and collection therewith and lely on instruc- in behalf of the	vely
hereb e true opplice 000 (1 wherh scultir irectly wher(y declare that all cratement; and further that these sta nment, or both, under Section or any patent issued the swhem all communications/owners' attorneys to prose gratent. I also authorize communicated from the p	tements were made with the tion 1001 of Title 18 of the Unereon. And on behalf of the sare to be directed) and the ecute this application and to Nixon & Vanderthye to add one on, assigned, attorney, fill	nowledge are true and to knowledge that willful in inited States Code and to sowner(s) hereof, I here a attomeys of: Custo transact all business from	nat all statements made also statements and the hat such willful falso sta iby appoint Nixon & Van OMER Number the Patent and Tradema hat Customer Number.	ike so me tements m derhys P. 23117 ark Office and to act Nixon & V	ation and be ide are pun lay jeopardi C., telephor . Individuali connected i and rely so andernye o	allof are beller ishable by find ze the validity ne number 70 y and collection therewith and lely on instruc	vely
hereb e true opplice pplice pool (1 wher's sultir irectly wher(y declare that all ctatement; and further that these standard, or both, under Section or any patent issued to whom all communications/owners' attorneys to proseg patent. I also authorize communicated from the post.	tements were made with the don 1001 of Title 18 of the Unereon. And on behalf of the s are to be directed) and the ecute this application and to Nixon & Vanderhye to add o ereon, assigned, attorney, fil	nowledge are true and to knowledge that willful in inited States Code and to sowner(s) hereof, I here a attomeys of: Custo transact all business from	nat all statements made also statements and the hat such willful false statement and the by appoint Nixon & Van Dmer Number the Patent and Trademunat Customer Number, a sending instructions to	ike so me tements m derhys P. 23117 ark Office and to act Nixon & V	ation and be ade are pun lay jeopardi C., telephor . Individuall connected i and rely so andernye o	allof are beller ishable by finite the validity are number 70 y and collection therewith and lely on instruction behalf of the collection	vely with
hereb e true opplice pplice pool (1 wher's sultir irectly wher(y declare that all ctatement; and further that these standard, or both, under Section or any patent issued to whom all communications/owners' attorneys to proseg patent. I also authorize communicated from the post.	tements were made with the stan 1001 of Title 18 of the Unercon. And on behalf of the same to be directed) and the ecute this application and to Nixon & Vandertye to add one on, assigned, attorney, fill Hiroshi (first)	nowledge are true and the knowledge that willful in inited States Code and the owner(s) hereof, I hereof attorneys of: Custon transact all business in the initial statement of the image o	nat all statements made also statements and the hat such willful false statement & Van DMER Number the Patent and Tradement Customer Number, a sending instructions to SASAKI (last)	ive so me tements m derhye P. 23117 erk Office and to act Nixon & V Date:	ation and be ade are pun lay jeopardi C., telephor . Individuall connected i and rely so andernye o	allof are beller ishable by finite the validity on umber 70 y and collection therewith and lely on instruction behalf of the Japanese	vely
hereb e true opplice 000 (1 wner's sultir irectly wner(y declare that all cratement; and further that these standard for one of the communication of whom all communication of whom all communication of whom all communication of the communicated from the post of the communicated from the post. Inventors Signature; Inventor: Residence: (city) Mailing Address;	tements were made with the don 1001 of Tide 18 of the Unercon. And on behalf of the same to be directed) and the ecute this application and to Nixon & Vandertrys to add o secon, assigned, attorney, find Hiroshi (first)	nowledge are true and the knowledge that willful in inited States Code and the owner(s) hereof, I hereof attorneys of: Custon transact all business in the initial statement of the image o	nat all statements made also statements and the hat such willful false statement & Van DMER Number the Patent and Tradement Customer Number, a sending instructions to SASAKI (last)	ive so me tements m derhye P. 23117 erk Office and to act Nixon & V Date:	ation and be ade are pun lay jeopardi C., telephor . Individuall connected i and rely so andernye o	allof are beller ishable by finite the validity on umber 70 y and collection therewith and lely on instruction behalf of the Japanese	vely with
hereb e twe opplice 000 (I wner' irect) irect)	y declare that all statement; and further that these statement, or both, under Section or any patent issued to whom all communications/owners' attorneys to proseg patent. I also authorize communicated from the post. Inventor's Signature; Inventor: Residence: (city) Mailing Address; (Zip Code)	tements were made with the stan 1001 of Title 18 of the Unercon. And on behalf of the same to be directed) and the ecute this application and to Nixon & Vandertye to add one on, assigned, attorney, fill Hiroshi (first)	nowledge are true and the knowledge that willful in inited States Code and the owner(s) hereof, I hereof attorneys of: Custon transact all business in the initial statement of the image o	nat all statements made also statements and the hat such willful false statement & Van DMER Number the Patent and Tradement Customer Number, a sending instructions to SASAKI (last)	ive so me tements m derhye P. 23117 erk Office and to act Nixon & V Date:	ation and be ade are pun lay jeopardi C., telephor . Individuall connected i and rely so andernye o	allof are beller ishable by finite the validity on umber 70 y and collection therewith and lely on instruction behalf of the Japanese	vely with
hereb e true nprisc ppilce 000 (1	y declare that all cratement; and further that these standard for one of the communication of whom all communication of whom all communication of whom all communication of the communicated from the post of the communicated from the post. Inventors Signature; Inventor: Residence: (city) Mailing Address;	tements were made with the stan 1001 of Title 18 of the Unercon. And on behalf of the same to be directed) and the ecute this application and to Nixon & Vandertye to add one on, assigned, attorney, fill Hiroshi (first)	nowledge are true and the knowledge that willful in inited States Code and the owner(s) hereof, I hereof attorneys of: Custon transact all business in the initial statement of the image o	nat all statements made also statements and the hat such willful false statement & Van DMER Number the Patent and Tradement Customer Number, a sending instructions to SASAKI (last)	tive so make the sound of the sound to sect Nibon & V	ation and be ade are pun lay jeopardi C., telephor . Individuall connected i and rely so andernye o	allof are beller ishable by finite the validity on umber 70 y and collection therewith and lely on instruction behalf of the Japanese	red to or of 13-61 vely with
hereb e twe opplica 000 (I wner' irect) irect)	y declare that all statement; and further that these statement, or both, under Section or any patent issued to whom all communications downers' attorneys to prose gratent. I also authorize communicated from the post. Inventor's Signature; Inventor: Residence: (city) Mailing Address; (Zip Code) Inventor's Signature:	tements were made with the stan 1001 of Title 18 of the Unercon. And on behalf of the same to be directed) and the ecute this application and to Nixon & Vandertye to add one on, assigned, attorney, fill Hiroshi (first)	nowledge are true and the knowledge that willful in inited States Code and the owner(s) hereof, I hereof attorneys of: Custon transact all business in the initial statement of the image o	nat all statements made also statements and the hat such willful false statement & Van DMER Number the Patent and Tradement Customer Number, a sending instructions to SASAKI (last)	tive so make the sound of the sound to sect Nibon & V	ation and be ide are pun lay jeopardi C., telephor , individuall connected i and rely eo andernye o	allof are beller ishable by finite the validity on umber 70 y and collection therewith and lely on instruction behalf of the Japanese	red to of 13-61 vely with
hereb e twe opplice 000 (I wner' irect) irect)	y declare that all statement; and further that these statement, or both, under Section or any patent issued to whom all communications downers' attorneys to prose gratent. I also authorize communicated from the post. Inventor's Signature; Inventor: Residence: (city) Mailing Address; (Zip Code) Inventor's Signature:	tements were made with the ton 1001 of Title 18 of the Unercon. And on behalf of the sare to be directed) and the ecute this application and to Nixon & Vanderhye to add one on, assigned, attorney, fill Hiroshi (first) Hiroshi (first) Hiroshiman 403, 1-8-27, Minamihonjo	nowledge are true and the knowledge that willful in its Stales Code and the owner(s) hereof, I hereof attorneys of: CUST transact all business in the code attorneys from the	nat all statements made also statements and the hat such willful false statements and the hat such willful false state aby appoint Nibon & Van Dimer Number the Patent and Trademy hat Customer Number, a sending instructions to SASAKI (ast) Japan ma Japan	tive so make the sound of the sound to sect Nibon & V	ation and be ide are pun lay jeopardi C., telephor , individuall connected i and rely eo andernye o	allof are beller ishable by finite the validity on unmber 70 y and collection therewith and lely on instruction behalf of the Japanese (citzenship)	red or of 3-6 vely with
hereb e true opplice ooo (I wherh recti) wher(y declare that all cratement; and further that these standard from the section or any patent issued to whom all communications for a standard from the patent. I also authorize communicated from the patent inventors (city) Mailing Address; (Zip Cocie) inventor's Signature; inventor's Signature; (Inventor's Signature; (Inventor's Signature; Inventor:	tements were made with the ton 1001 of Title 18 of the Unercon. And on behalf of the sare to be directed) and the ecute this application and to Nixon & Vanderhye to add one on, assigned, attorney, fill Hiroshi (first) Hiroshi (first) Hiroshiman 403, 1-8-27, Minamihonjo	nowledge are true and the knowledge that willful in its Stales Code and the owner(s) hereof, I hereof attorneys of: CUST transact all business in the code attorneys from the	nat all statements made alse statements and the hat such willful false statements and the hat such willful false state aby appoint Nixon & Van DMET Number the Patent and Tradement Customer Number, a sending instructions to SASAKI (last) (state/country) Japan ma Japan (fast)	tive so make the sound of the sound to sect Nibon & V	ation and be ide are pun lay jeopardi C., telephor , individuall connected i and rely eo andernye o	allof are beller ishable by finite the validity on unmber 70 y and collection therewith and lely on instruction behalf of the Japanese (citzenship)	red or of 3-6 vely with

[] See attached sheet(s) for additional inventor(s) information!!